BBB	388888888 388888888 3888888888	AAAAAAAA AAAAAAAA	\$	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		
888	888 888	AAA AAA	SSS	RRR RRR	III	LLL
BBB	BBB	AAA AAA	SSS	RRR RRR	İİİ	iii
888 888	BBB	AAA AAA	SSS	RRR RRR	TTT	III
BBB	BBB	AAA AAA	SSS	RRR RRR	III	LLL
888	BBB	AAA AAA	SSS	RRR RRR	III	irr
	388888888 388888888	AAA AAA	\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$	RRRRRRRRRRRR	İİİ	iii
BAR	88888888	AAA AAA	\$\$\$\$\$\$\$\$\$	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	III	III
BBB	BBB	AAAAAAAAAAAA	SSS	RRR RRR	iii	LLL
BBB	BBB	AAAAAAAAAAAA	SSS	RRR RRR	iii	iii
BBB	BBB	AAAAAAAAAAAA	SSS	RRR RRR	İİİ	iii
BBB	BBB	AAA AAA	SSS	RRR RRR	TTT	LLL
BBB	BBB	AAA AAA	SSS	RRR RRR	III	LLL
BBB	BBB	AAA AAA	288	RRR RRR	III	LLL
	388888888 388888888	AAA AAA	SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	RRR RRR	iii	LLLLLLLLLLLLLLL
	3868888888	AAA AAA	33333333333	RRR RRR	III	

BBBBBBBB BB BB BB BB BB BB BB BB BB BB BBBBBBBB	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	\$
		\$

UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU
UU UU

SSSSSS

\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$

\$\$ \$\$ \$\$

Page (1)

MODULE BASSBUFSIZ (IDENT = '1-003' ! Get buffer size ! File: BASBUFSIZ.B32, Edit: JBS1003

BEGIN

:

:

.

0028 0029 0030

COPYRIGHT (c) 1978, 1980, 1982, 1984 BY DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. ALL RIGHTS RESERVED.

THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY TRANSFERRED.

THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT CORPORATION.

DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.

FACILITY: VAX-11 BASIC Miscellaneous I/O

ABSTRACT:

This module contains the BASIC BUFSIZ function, which returns the buffer size of the file open on the specified channel.

ENVIRONMENT: VAX-11 User Mode

AUTHOR: John Sauter, CREATION DATE: 11-APR-1979

MODIFIED BY:

1-001 - Original.

1-002 - Set up ISB\$A_USER_FP. JBS 25-JUL-1979 1-003 - Use channel 0, not device IT. JBS 11-MAR-1980

! <BLF/PAGE>

! Declare psects for BAS\$ facility

Page

OWN STORAGE:

108

NONE

EXTERNAL REFERENCES:

EXTERNAL ROUTINE

BAS\$\$OPEN ZERO : NOVALUE,

BAS\$\$CB_POSH : JSB_CB_PUSH NOVALUE,

BAS\$\$CB_POP : JSB_CB_POP NOVALUE,

BAS\$\$STOP : NOVALUE;

Open channel 0 Load register (CB Done with register (CB Signal fatal error

IF (NOT .CCB [LUB\$V_OPENED]) THEN BAS\$\$OPEN_ZERO (.FMP [SF\$L_SAVE_FP]);

0998

(3)

Page

```
L 15
16-Sep-1984 00:02:51
14-Sep-1984 11:54:43
BASSBUFSIZ
1-003
                                                                                                                                                                          VAX-11 Bliss-32 V4.0-742
[BASRTL.SRC]BASBUFSIZ.B32;1
                                                                                                                                                                                                                                                          (3)
175
176
177
178
179
181
182
183
184
188
189
191
193
195
                                                              END
                                                      ELSE
                                                             BEGIN
BAS$$CB_PUSH (.CHAN, LUB$K_LUN_MIN);
CCB [ISB$A_USER_FP] = .FMP [SF$L_SAVE_FP];
                                                  Get the buffer size from the Logical Unit Block. This will be zero if the channel has not been opened.
                                                      BUFFER_SIZE = .CCB [LUB$W_RBUF_SIZE];
                               1014
1015
1016
1017
                                                 We are done with register CCB.
                                                      BAS$$CB_POP ();
                               1018
                                                  All done.
                               1020
1021
                                                      RETURN (.BUFFER_SIZE);
                                                      END:
                                                                                                                                            ! end of BAS$BUFSIZ
                                                                                                                                                .TITLE
                                                                                                                                                              BAS$BUFSIZ
                                                                                                                                                              BAS$$OPEN_ZERO, BAS$$CB_PUSH
BAS$$CB_POP, BAS$$STOP
BAS$K_PROLOSSOR
                                                                                                                                                .EXTRN
                                                                                                                                                .EXTRN
                                                                                                                                                .EXTRN
                                                                                                                                                .PSECT
                                                                                                                                                               _BAS$CODE,NOWRT, SHR, PIC,2
                                                                                                                                                              BAS$BUFSIZ, Save R2,R3,R4,R11
BAS$$CB_PUSH, R4
FP, FMP
CHAN
                                                                                                          081C 00000

9E 00002

D0 00009

D5 0000C

12 0000F

CE 00011

7 CE 00014

16 00017

B D0 00019

B E8 0001F

B DD 00023

FB 00026

11 00020
                                                                                                                                               .ENTRY
                                                                                                                                                                                                                                                        0943
                                                                                 0000000G
                                                                                                      00DCE8743B31E0C43B02
                                                                                                                                                                                                                                                        0988
0993
                                                                                                                                               MOVL
                                                                                                                                                TSTL
                                                                                                                                               BNEQ
                                                                                                                    0000F
00011
00014
00017
00019
0001F
00023
00026
0002D
                                                                            50
52
                                                                                                                                                                                                                                                        0996
                                                                                                                                               MNEGL
                                                                                                                                               MNEGL
                                                                                                                                                               #7, R2
BAS$$CB_PUSH
12(FMP), -180(CCB)
-4(CCB), 2$
                                                                                                                                               JSB
MOVL
                                                              FF4C
                                                                                                                                                                                                                                                        0999
                                                                                                                                               BLBS
                                                                                                                                               PUSHL
CALLS
BRB
                                                                                                                                                               12(FMP)
                                                                                                                                                               #1, BAS$$OPEN_ZERO
                                                      000000006
                                                                           00
                                                                                                                                                                                                                                                        0993
                                                                                                               CLRL
                                                                                                                    0002F 13:
00031
00035
00037
0003D 2$:
00041
                                                                                                                                               MOVL
JSB
MOVL
MOVZWL
                                                                                                                                                              CHAN, R2
BAS$$CB_PUSH
12(FMP), -180(CCB)
-46(CCB), BUFFER_SIZE
BAS$$CB_POP
BUFFER_SIZE, R0
                                                                            52
                                                                                             04
                                                                                                                                                                                                                                                        1005
1012
1016
                                                                            CB
52
                                                              FF4C
                                                                                                                                                JSB
                                                                                  0000000G
                                                                                                                                               MOVL
                                                                                                                     0004A
```

Routine Base: _BAS\$CODE + 0000

; Routine Size: 75 bytes,

BASSBUFSIZ VAX-11 Bliss-32 V4.0-742 [BASRTL.SRC]BASBUFSIZ.B32;1 ! end of module BAS\$BUFSIZ PSECT SUMMARY Name Bytes Attributes _BAS\$CODE 75 NOVEC, NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC, ALIGN(2) Library Statistics ----- Symbols -----Processing Pages File Total Loaded Percent Mapped Time 9776 _\$255\$DUA28:[SYSLIB]STARLET.L32;1 1 581 00:01.2 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LIS\$:BASBUFSIZ/OBJ=OBJ\$:BASBUFSIZ MSRC\$:BASBUFSIZ/UPDATE=(ENH\$:BASBUFSIZ 75 code + 0 data bytes 00:08.3 00:20.5 Size: Run Time: Elapsed Time: 00:20.5 : Lines/CPU Min: 7436 : Lexemes/CPU-Min: 45155 : Memory Used: 115 pages : Compilation Complete

0019 AH-BT13A-SE

DIGITAL EQUIPMENT CORPORATION CONFIDENTIAL AND PROPRIETARY

